

**TOXIC METALS IN THE URBAN EFFLUENTS OF MYTILENE: RESULTS
OF A MONITORING PROGRAM (1996-1997)**

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ABSTRACT

The fluctuation of the dissolved and particulate metal (Cd, Cu, Pb and Zn) concentrations in the urban effluents of Mytilene was studied with monthly sampling in a characteristic sewage outfall during two years (1996-1997). The concentrations of all metals were relatively enhanced in the urban effluents of the city, while they didn't show some seasonality pattern. The effluent related metals are transported to the sea through the sewage outfalls and are accumulated in the coastal marine sediments.